

**SECRET**

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SUBJ: SECOND TEST FIXED SLIT/AEC OPTION

1. IRIS II MSN FLOWN 22 MAY 70 EVALUATED IN ACCORDANCE WITH REF. DENSITY OF ORIGINAL NEGATIVE VERY THIN AT BEGINNING OF MSN (0.8 MAX DENSITY) TO THIN AT END OF MSN (1.4 MAX DENSITY). FLIGHT TRACK DATA INDICATES MODE FIVE (FIXED SLIT MODE) USED AT TWO DIFFERENT INTERVALS IN MSN. THERE IS NO APPARENT CHANGE IN EXPOSURE AT EITHER INTERVAL INDICATING FIXED SLIT OF 0.085 IN. NOT ACHIEVED.

2. IMAGE QUALITY ON FWD FRAMES GOOD WHILE QUALITY ON AFT FRAMES IS POOR. FOR EXAMPLE: USAF AND OTHER AIRCRAFT INSIGNIA VERY PROMINENT ON FWD FRAMES BUT NOT DISTINGUISHABLE ON AFT FRAMES.

3. MISTRACKING OF FILM DURING CAMERA OPERATION EVIDENT THROUGHOUT. ALL FORMATS AND IMAGED DATA DISPLACED ONE-EIGHT INCH TOWARD TITLED EDGE OF FILM. IT COULD NOT BE DETERMINED IF MISTRACKING HAD ANY EFFECT ON IMAGERY.

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END OF MESSAGE

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